

SENSOR DRIVER

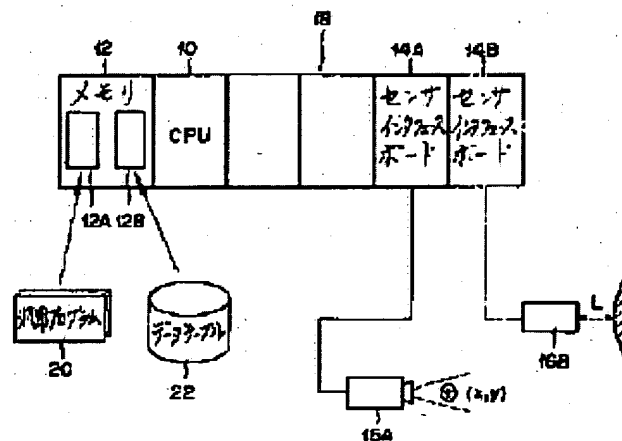
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Abstract of JP6201413

PURPOSE: To deal with addition or modification of sensor easily without modifying a general purpose program by providing a data table containing inherent data required for driving each sensor device and combining the data table with the general purpose program.

CONSTITUTION: A data table 22 contains inherent data required for controlling all sensor devices 16 connected therewith and for collecting/operating data. A CPU10 selects a device 16 to be driven, e.g. a two-dimensional image sensor 16A or an additional one-dimensional distance measuring sensor 16B, based on an external input signal or a program. The CPU10 then reads in a general purpose program 20 and controls the sensor 16A or 16B according to a control program while looking up the part of the sensor 16A or 16B in the table 22 thus collecting measurement data and performing predetermined operations. Consequently, addition or modification of the sensor device 16 can be dealt with by simply modifying the table 22 without requiring modification of the program.



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